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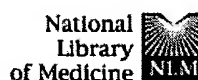
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	#14	Search CCR5 Limits: Modification Date to 1996/06/14	07:59:24	0
	#13	Search CC-CKR-5 Field: All Fields, Limits: Modification Date to 1996/06/14	07:59:15	0
	#4	Search CC-CKR5	07:48:06	9
	#3	Search CCR5	07:47:43	1375

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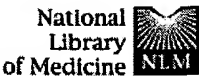
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Search	Most Recent Queries	Time	Result
#15	Search CC CKR5 Limits: Publication Date to 1996/06/14	07:21:20	2
#14	Search CCR5 Limits: Publication Date to 1996/06/14	07:20:59	2
#4	Related Articles for PubMed (Select 8649512)	07:20:09	196
#13	Search Litwin V and CCR5 Limits: Publication Date to 1996/06/14	07:19:54	0
#12	Search Dragic T and CCR5 Limits: Publication Date to 1996/06/14	07:19:38	0
#11	Search Allaway G and CCR5 Limits: Publication Date to 1996/06/14	07:19:25	0
#10	Search Trkola A and CCR5 Field: All Fields, Limits: Publication Date to 1996/06/14	07:19:03	0
#9	Search Trkola A and CCR5	07:18:29	19
#8	Search Litwin V and CCR5	07:18:16	1
#7	Search Litwin V and CC CKR5	07:18:06	1
#6	Search Dragic T and CC CKR5	07:17:07	15
#5	Search Allaway G and CC CKR5	07:16:46	4
#1	Search Allaway G and CCR5	07:02:33	4

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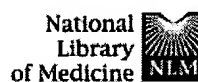
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#20	Search Moore J and CC-CKR5 Limits: Publication Date to 1996/06/14	17:06:56	0
#19	Search Moore J and CC RK5 Limits: Publication Date to 1996/06/14	17:06:35	0
#18	Search Moore J Limits: Publication Date to 1996/06/14	17:06:05	3021
#17	Search Litwin V Limits: Publication Date to 1996/06/14	17:05:28	8
#16	Search Dragic T Limits: Publication Date to 1996/06/14	17:04:52	6
#15	Search Allaway G Limits: Publication Date to 1996/06/14	17:04:09	15
#13	Search CC CKR5 Field: All Fields , Limits: Publication Date to 1996/06/14	16:41:28	2
#12	Search Gosling J 1996	16:37:53	7
#11	Search Murphy PM 1996	16:36:18	16
#9	Search Collman RG 1996	16:35:02	6
#8	Search Samson M 1996	16:34:07	13
#6	Search parmentier M 1996	16:10:02	16
#5	Search Samson R 1996	16:08:51	11
#3	Search HCV paticle and E1	10:59:17	375
#1	Search HCV virus particle	10:56:17	132

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Search	Most Recent Queries	Time	Result
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#10	Search CCR5 Limits: Publication Date to 1996/06/14	07:57:32	2
#8	Search CC-CKR5 Field: All Fields , Limits: Publication Date to 1996/06/14	07:52:24	2

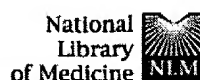
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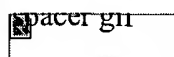
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One page.

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- ☐ 1: [Tsamis F, Gavrilov S, Kajumo F, Seibert C, Kuhmann S, Ketas T, Trkola A, Palani A, Clader JW, Tagat JR, McCombie S, Baroudy B, Moore JP, Sakmar TP, Dragic T.](#) Related Articles, Links

Analysis of the mechanism by which the small-molecule CCR5 antagonists SCH-351125 and SCH-350581 inhibit human immunodeficiency virus type 1 entry.
J Virol. 2003 May;77(9):5201-8.
PMID: 12692222 [PubMed - indexed for MEDLINE]

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- ☐ 2: [Cormier EG, Dragic T.](#) Related Articles, Links

The crown and stem of the V3 loop play distinct roles in human immunodeficiency virus type 1 envelope glycoprotein interactions with the CCR5 coreceptor.
J Virol. 2002 Sep;76(17):8953-7.
PMID: 12163614 [PubMed - indexed for MEDLINE]

Related
Resources

- ☐ 3: [Thompson DA, Cormier EG, Dragic T.](#) Related Articles, Links

CCR5 and CXCR4 usage by non-clade B human immunodeficiency virus type 1 primary isolates.
J Virol. 2002 Mar;76(6):3059-64.
PMID: 11861874 [PubMed - indexed for MEDLINE]

- ☐ 4: [Dragic T.](#) Related Articles, Links









An overview of the determinants of CCR5 and CXCR4 co-receptor function.
J Gen Virol. 2001 Aug;82(Pt 8):1807-14. Review. No abstract available.
PMID: 11457985 [PubMed - indexed for MEDLINE]

- ☐ 5: [Cormier EG, Tran DN, Yukhayeva L, Olson WC, Dragic T.](#) Related Articles, Links

Mapping the determinants of the CCR5 amino-terminal sulfopeptide interaction with soluble human immunodeficiency virus type 1 gp120-CD4 complexes.
J Virol. 2001 Jun;75(12):5541-9.
PMID: 11356961 [PubMed - indexed for MEDLINE]

- ☐ 6: [Cormier EG, Persuh M, Thompson DA, Lin SW, Sakmar TP, Olson WC, Dragic T.](#) Related Articles, Links

Specific interaction of CCR5 amino-terminal domain peptides containing sulfotyrosines with HIV-1 envelope glycoprotein gp120.
Proc Natl Acad Sci U S A. 2000 May 23;97(11):5762-7.
PMID: 10823934 [PubMed - indexed for MEDLINE]

-  **7:** Dragic T, Trkola A, Thompson DA, Cormier EG, Kajumo FA, Maxwell E, Lin SW, Ying W, Smith SO, Sakmar TP, Moore JP. Related Articles, Links
A binding pocket for a small molecule inhibitor of HIV-1 entry within the transmembrane helices of CCR5.
Proc Natl Acad Sci U S A. 2000 May 9;97(10):5639-44.
PMID: 10779565 [PubMed - indexed for MEDLINE]
-  **8:** Olson WC, Rabut GE, Nagashima KA, Tran DN, Anselma DJ, Monard SP, Segal JP, Thompson DA, Kajumo F, Guo Y, Moore JP, Maddon PJ, Dragic T. Related Articles, Links
Differential inhibition of human immunodeficiency virus type 1 fusion, gp120 binding, and CC-chemokine activity by monoclonal antibodies to CCR5.
J Virol. 1999 May;73(5):4145-55.
PMID: 10196311 [PubMed - indexed for MEDLINE]
-  **9:** Genoud S, Kajumo F, Guo Y, Thompson D, Dragic T. Related Articles, Links
CCR5-Mediated human immunodeficiency virus entry depends on an amino-terminal gp120-binding site and on the conformational integrity of all four extracellular domains.
J Virol. 1999 Feb;73(2):1645-8.
PMID: 9882373 [PubMed - indexed for MEDLINE]
-  **10:** Zhang YJ, Dragic T, Cao Y, Kostrikis L, Kwon DS, Littman DR, KewalRamani VN, Moore JP. Related Articles, Links
Use of coreceptors other than CCR5 by non-syncytium-inducing adult and pediatric isolates of human immunodeficiency virus type 1 is rare in vitro.
J Virol. 1998 Nov;72(11):9337-44.
PMID: 9765485 [PubMed - indexed for MEDLINE]
-  **11:** Rabut GE, Konner JA, Kajumo F, Moore JP, Dragic T. Related Articles, Links
Alanine substitutions of polar and nonpolar residues in the amino-terminal domain of CCR5 differently impair entry of macrophage- and dualtropic isolates of human immunodeficiency virus type 1.
J Virol. 1998 Apr;72(4):3464-8.
PMID: 9525683 [PubMed - indexed for MEDLINE]
-  **12:** Dragic T, Trkola A, Lin SW, Nagashima KA, Kajumo F, Zhao L, Olson WC, Wu L, Mackay CR, Allaway GP, Sakmar TP, Moore JP, Maddon PJ. Related Articles, Links
Amino-terminal substitutions in the CCR5 coreceptor impair gp120 binding and human immunodeficiency virus type 1 entry.
J Virol. 1998 Jan;72(1):279-85.
PMID: 9420225 [PubMed - indexed for MEDLINE]
-  **13:** Moore JP, Trkola A, Dragic T. Related Articles, Links
Co-receptors for HIV-1 entry.
Curr Opin Immunol. 1997 Aug;9(4):551-62. Review.
PMID: 9287172 [PubMed - indexed for MEDLINE]
-  **14:** Trkola A, Dragic T, Arthos J, Binley JM, Olson WC, Allaway GP, Cheng-Mayer C, Robinson J, Maddon PJ, Moore JP. Related Articles, Links
CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5.
Nature. 1996 Nov 14;384(6605):184-7.
PMID: 8906796 [PubMed - indexed for MEDLINE]

- ☐ **15:** [Dragic T, Litwin V, Allaway GP, Martin SR, Huang Y, Nagashima KA, Cayanan C, Maddon PJ, Koup RA, Moore JP, Paxton WA.](#) Related Articles, Links



HIV-1 entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5.

Nature. 1996 Jun 20;381(6584):667-73.

PMID: 8649512 [PubMed - indexed for MEDLINE]

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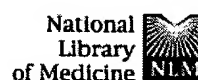
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One page.

- ☐ 1: [Donzella GA, Schols D, Lin SW, Este JA, Nagashima KA, Maddon PJ, Allaway GP, Sakmar TP, Henson G, De Clercq E, Moore JP.](#) Related Articles, Links



AMD3100, a small molecule inhibitor of HIV-1 entry via the CXCR4 co-receptor.

Nat Med. 1998 Jan;4(1):72-7.

PMID: 9427609 [PubMed - indexed for MEDLINE]

- ☐ 2: [Dragic T, Trkola A, Lin SW, Nagashima KA, Kajumo F, Zhao L, Olson WC, Wu L, Mackay CR, Allaway GP, Sakmar TP, Moore JP, Maddon PJ.](#) Related Articles, Links



Amino-terminal substitutions in the CCR5 coreceptor impair gp120 binding and human immunodeficiency virus type 1 entry.

J Virol. 1998 Jan;72(1):279-85.

PMID: 9420225 [PubMed - indexed for MEDLINE]

- ☐ 3: [Trkola A, Dragic T, Arthos J, Binley JM, Olson WC, Allaway GP, Cheng-Mayer C, Robinson J, Maddon PJ, Moore JP.](#) Related Articles, Links



CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5.

Nature. 1996 Nov 14;384(6605):184-7.

PMID: 8906796 [PubMed - indexed for MEDLINE]

- ☐ 4: [Dragic T, Litwin V, Allaway GP, Martin SR, Huang Y, Nagashima KA, Cayan C, Maddon PJ, Koup RA, Moore JP, Paxton WA.](#) Related Articles, Links



HIV-1 entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5.

Nature. 1996 Jun 20;381(6584):667-73.

PMID: 8649512 [PubMed - indexed for MEDLINE]

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=> CCR5

L1 6043 CCR5

=> HIV and L1

L2 3908 HIV AND L1

=> sequence and L2

L3 587 SEQUENCE AND L2

=> "CC CKR5" and L3

L4 3 "CC CKR5" AND L3

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